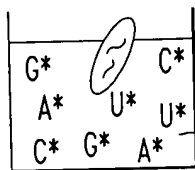
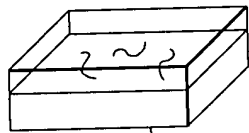
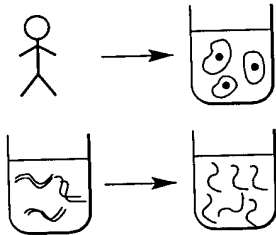
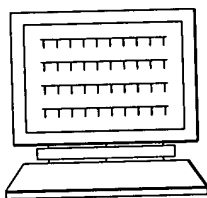
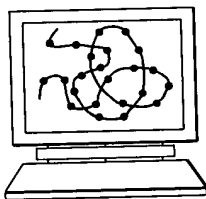
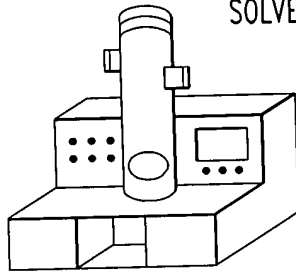


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# EXPERIMENTAL CONCEPT



ORGANIC SOLVENT



# EXPERIMENTAL STEPS

COLLECTION OF DNA

DNA MELTING INTO SINGLE CHAIN

ELONGATION OF SINGLE-CHAIN DNA IN THE AIR

TRANSFERRING DNA ONTO TEM GRID

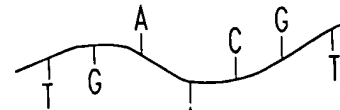
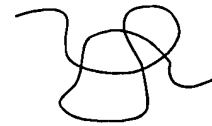
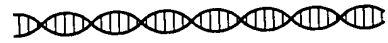
BASE PAIRS LABELED WITH HEAVY ELEMENTS

OBSERVATION THROUGH TEM

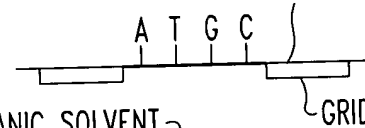
IMAGE ANALYSIS FOR DISCRIMINATING LABELED HEAVY ELEMENTS

DNA SEQUENCE ANALYSIS

# CONCEPT OF DNA MOLECULES



SUPPORT FILM



ORGANIC SOLVENT

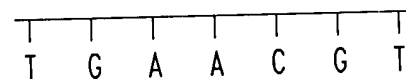
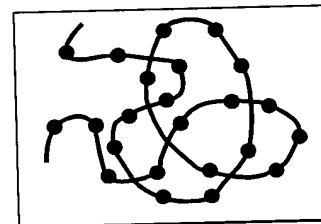
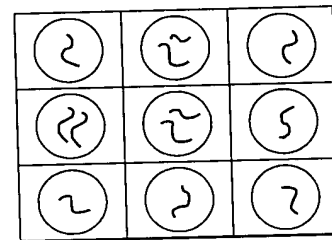
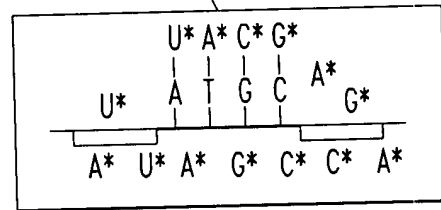


FIG.1

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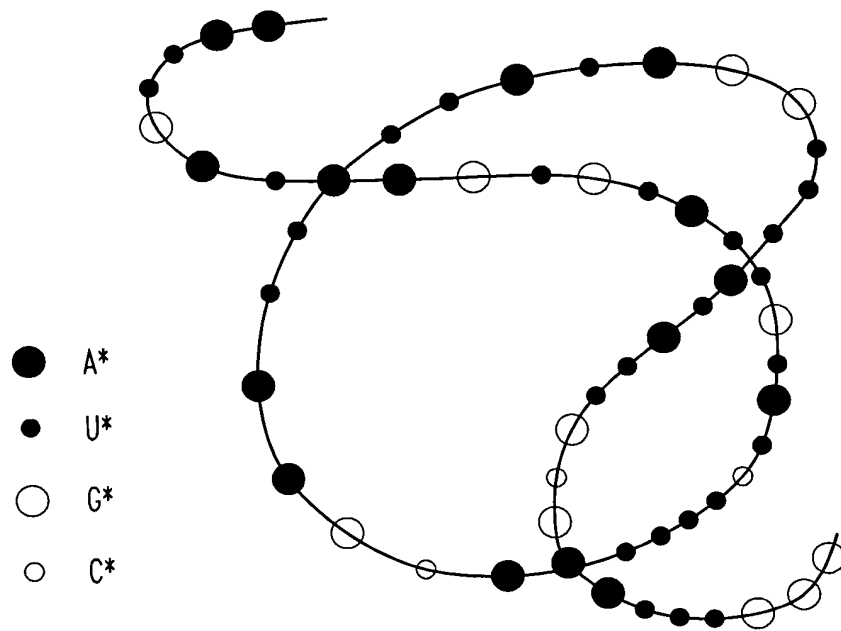


FIG.2

09992538.022602